

REMARKS/ARGUMENTS

This Amendment is being filed in response to the Final Office Action dated June 22, 2010. Reconsideration and allowance of the application in view of the amendments provided above and the remarks to follow are respectfully requested.

Claims 1-14 are pending in the Application. Claims 1, 13, and 14 are independent claims.

In the Office Action, claims 1-3, 7-9 and 13-14 are rejected under 35 U.S.C. §102(e) over U.S. Patent No. 6,507,330 to Handschy, et al. ("Handschy"). Claim 4 is rejected under 35 U.S.C. §103(a) over Handschy in view of Admitted Prior Art. Claim 5 is rejected under 35 U.S.C. §103(a) over Handschy in view of U.S. Patent No. 6,507,330 to Abramson, et al. ("Abramson"). Claims 6 and 10-12 are rejected under 35 U.S.C. §103(a) over Handschy in view of U.S. Patent No. 6,961,047 to Katase ("Katase"). The rejection of claims 1-14 is respectfully traversed. It is respectfully submitted that claims 1-14 are allowable over Handschy alone and in view of any combination of Admitted Prior Art, Abramson, and Katase for at least the following reasons.

At col. 9, lines 39-44, used to reject claim 2, Handschy states the following:

the electric fields are balanced when the average of the product of the applied voltage and the amount of time that field is present averages to substantially zero during a predetermined amount of time during the operation of the spatial light modulator

Claims 2, and 4-9 are amended to make their recitations more clear, the term "number" was amended to read as "running total of a product...". Support is found in the specification's description of Figure 2. As amended, claim 2 recites "for each drive period

storing in the memory a running total of a product of the duration of said drive period and the value of the drive voltage supplied during said drive period to each pixel". Handschy, the Admitted Prior Art, Abramson, and Katase do not teach, disclose, or suggest that. Furthermore, these references do not teach, disclose, or suggest the "adapting" element of claim 2, which claims "adapting at least one of the value of the drive voltage and the duration of the drive period to obtain the running total as near-to zero as possible, the running total corresponding to the time-average value". The prior art references are silent with regard to adapting or adjusting the specified parameters (as in claim 1) to obtain the time-average value as near-to zero as possible.

With regard to claim 1, the Office Action (see page 3) points to Figures 11-13 of Handschy, which display graphs, to reject the above mentioned "adjusting" element. It is not clear from these references exactly how these graphs are adjusted. A thorough investigation of Handschy did not disclose a teaching or suggestion of "adjusting at least one of the parameters for determining a time-average value of the drive voltages for the pixel, the time-average value of the drive voltage for consecutive fields of the pixel is adjusted substantially to zero while the pixel is being driven according to the input image data that produces the displayed image" as recited in claim 1.

As with regard to claim 10, examples of which are illustrated in Figures 4a-4d. Three electrodes are recited as "the pixel comprises two switching electrodes and a further electrode". Handschy and Katase do not teach or suggest a pixel comprising three electrodes.

Accordingly, the display apparatus of claim 1 is not anticipated or made obvious by the teachings of Handschy. For example, Handschy does not teach, disclose or suggest, a display apparatus for displaying an image that amongst other patentable elements, comprises (illustrative emphasis added) " a DC-balancing circuit comprising a controller for adjusting at least one of the parameters for determining a time-average value of the drive voltages for the pixel, the time-average value of the drive voltage for consecutive fields of the pixel is adjusted substantially to zero while the pixel is being driven according to the input image data that produces the displayed image, wherein the parameters are adjusted in steps corresponding to sub-fields of the field of the pixel " as recited in claim 1, and as similarly recited in claims 13 and 14. Admitted Prior Art, Abramson, and Katase are cited for allegedly showing features of dependent claims and as such, do not cure the noted deficiencies in Handschy.

Based on the foregoing, the Applicant respectfully submits that independent claims 1, 13 and 14 are patentable over Handschy and notice to this effect is earnestly solicited. Claims 2-12 respectively depend from claim 1 and accordingly are allowable for at least this reason as well as for the separately patentable elements contained in each of the claims and discussed above.

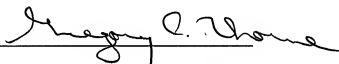
Accordingly, separate consideration and allowance of each of the dependent claims is respectfully requested.

In addition, Applicant denies any statement, position, or averment of the Examiner that is not specifically addressed by the foregoing argument and response. Any rejections and/or points of argument not addressed would appear to be moot in view of the presented

remarks. However, the Applicant reserves the right to submit further arguments in support of the above stated position, should that become necessary. No arguments are waived and none of the Examiner's statements are conceded.

Applicant has made a diligent and sincere effort to place this application in condition for immediate allowance and notice to this effect is earnestly solicited.

Respectfully submitted,

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